

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2016

California Department of Fish and Game Shea Levee

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	0.30	04/27/2016 04/27/2016	Keith Millard

LM Start		Rating **	U	Issue No.	7
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0018_01_s_2013_7				
Comment Code					
Inspector Comment					
Fish and Wildlife Service will not call me back and I was unable to verify the manual.					

No Photos

LM Start		Rating **	M	Issue No.	8
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0018_01_s_2012_8				
Comment Code					
Inspector Comment					
The LMA has not completed any training and does not have an available flood plan.					

No Photos

LM Start		Rating **	M	Issue No.	10
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0018_01_s_2013_10				
Comment Code					
Inspector Comment					
The Fish and Wildlife Service will not call me back and I was unable to verify their supplies.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Sacramento River	Left	0.30	04/27/2016 04/27/2016	Keith Millard

LM Start	0.00	Rating **	M	Issue No.	2
LM End	0.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.508138 °	40.508138 °
				-122.363480 °	-122.363480 °
DWR ID	DWR_NA0018_01_s_2012_2				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
California Department of Fish and Wildlife has not completed any maintenance this year.					

LM Start	0.00	Rating **	M	Issue No.	2 (cont)
LM End	0.07	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : SP_2016_NA0018_269_2_20160316_00003.jpg



View of the levee with no maintenance done.

Photo 2 of 2 : SP_2016_NA0018_269_2_20160316_00004.jpg



View of the levee with no maintenance done.

LM Start	0.00	Rating **	M	Issue No.	9
LM End	0.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.509012 °	40.510649 °
				-122.362609 °	-122.360945 °
DWR ID	DWR_NA0018_01_f_2012_9				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Fish and Wildlife Service has not completed any maintenance.					

Photo 1 of 2 : SP_2016_NA0018_269_9_20160316_00009.jpg



Remove the small trees along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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LM Start	0.00	Rating **	M	Issue No.	9 (cont)	
LM End	0.21	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			40.509012 °		40.510649 °
				-122.362609 °		-122.360945 °
DWR ID	DWR_NA0018_01_f_2012_9					
Comment Code						
T2 : Thin trees to allow visibility of the ground and room to flood fight.						
Inspector Comment						
Fish and Wildlife Service has not completed any maintenance.						

Photo 2 of 2 : SP_2016_NA0018_269_9_20160316_00010.jpg



Remove the small trees along the landside slope.

LM Start	0.10	Rating **	M	Issue No.	1
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.511185 °	40.510670 °
				-122.360553 °	-122.361203 °
DWR ID	DWR_NA0018_01_s_2012_1				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Fish and Wildlife Service has not completed any maintenance.					

Photo 1 of 3 : SP_2016_NA0018_269_1_20160316_00001.jpg



View of the blackberries and other vegetation along the landside slope.

LM Start	0.10	Rating **	M	Issue No.	1 (cont)
LM End	0.30	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2016_NA0018_269_1_20160316_00002.jpg



View of the blackberries and other vegetation along the landside slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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LM Start	0.10	Rating **	M	Issue No.	1 (cont)	
LM End	0.30	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			40.511185 °		40.510670 °
				-122.360553 °		-122.361203 °
DWR ID	DWR_NA0018_01_s_2012_1					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Fish and Wildlife Service has not completed any maintenance.						

Photo 3 of 3 : SP_2016_NA0018_269_1_20160506_00011.jpg



04/27/2016: View of the blackberries and other vegetation along the landside slope.

LM Start	0.21	Rating **	M	Issue No.	4
LM End	0.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			40.511518 °	40.508234 °
				-122.360100 °	-122.363430 °
DWR ID	DWR_NA0018_01_s_2012_4				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim the trees along the waterside slope.					

Photo 1 of 2 : SP_2016_NA0018_269_4_20160316_00005.jpg



Trim the trees along the waterside slope.

LM Start	0.21	Rating **	M	Issue No.	4 (cont)
LM End	0.26	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2016_NA0018_269_4_20160316_00006.jpg



Trim the trees along the waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 Sacramento River	Left	0.30	04/27/2016 04/27/2016	Keith Millard

LM Start	0.22	Rating **	M	Issue No.	6
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			40.510671 °	40.511185 °
				122.360944 °	122.360553 °
DWR ID	DWR_NA0018_01_s _ 2013_6				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
The livestock damaged the L/S slope.					

LM Start	0.22	Rating **	M	Issue No.	6 (cont)
LM End	0.30	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : SP_2016_NA0018_269_6_20160316_00007.jpg



View of the livestock erosion along the landside slope.

Photo 2 of 2 : SP_2016_NA0018_269_6_20160316_00008.jpg



View of the livestock erosion along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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